

## **North America Medical Simulation Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 115 pages | Mordor Intelligence

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### **Report description:**

The requirement of medical simulation in minimally-invasive surgery has been established over the past few years. In minimally-invasive surgery (MIS), doctors use various methods to operate with minimal damage to the body as opposed to traditional open surgery. Traditional open surgeries involve long incisions that should be made through the muscles, which take considerable time to heal. MIS procedures, however, involve smaller incisions, leading to a quicker recovery.

Over the past few years, VR (virtual reality) trainers have been introduced for training in minimally-invasive techniques. MIS is highly suitable for such type of training. The specific eye-hand coordination and psychomotor skills required for MIS can be learned, mainly using VR simulation techniques. Simulation has thus proven to be a proper tool to learn and train these skills. Thus, with the increasing number of minimally-invasive procedures, the demand for medical simulators is likely to increase in the region.

North America Medical Simulation Market Trends

High-fidelity Simulators Segment is Expected to Show Better Growth in the Forecast Years

Based on technology, the market is segmented into high-fidelity, medium-fidelity, and low-fidelity simulators. The high-fidelity simulators (HFS) are the latest models incorporated in the computer hardware technology, which includes wireless and programmed, very realistic, full-body patient presentations. A high-fidelity manikin can be used for a variety of high stakes learning scenarios, such as a mock code, postpartum hemorrhage, or mass casualty incident.

Currently, high-fidelity simulations are widely accepted in nursing education, and are introduced into acute care to support with

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orientation programs, continuing education, certification courses, and staff development. Hence, the requirement of realistic models to provide a better training environment is promoting the usage of high-fidelity simulators.

## North America Medical Simulation Market Competitor Analysis

The market is highly fragmented with many players. With many small and medium players, the competition is high. The major players into the North America medical simulation market are 3D Systems, Canadian Aviation Electronics (CAE) Inc., Gaumard Scientific, Kyoto Kagaku Co. Ltd, Laerdal Medical, Limbs & Things Ltd, Mentice AB, Simulab Corporation., Simulaids Inc., and Nasco.

### Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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